

IN THE CLAIMS:

1. (currently amended) An ultrasonic probe comprising:

an ultrasonic transceiver unit comprising an acoustic lens; and

an enclosure that encloses the ultrasonic transceiver unit, the enclosure comprising:

a first partial enclosure formed of a hard ~~plasties~~ plastic material having an opening at the tip, the ultrasonic transceiver unit extending through the opening; and

a second partial enclosure integrally formed with the first partial enclosure so as to cover ~~the opening to extend from the tip~~ the ultrasonic transceiver unit extending through the opening of the first partial enclosure, the second partial enclosure being formed of a soft ~~plasties~~ and having an plastic material, the acoustic lens of the ultrasonic transceiver unit positioned between and in direct contact therewith ~~from inside the enclosure~~ with the second partial enclosure and the ultrasonic transceiver unit.
2. (original) An ultrasonic probe according to claim 1, wherein the integrated molding of the first partial enclosure and the second partial enclosure is performed by double molding.
3. (currently amended) An ultrasonic probe according to claim 1, wherein ~~the part of the second partial enclosure comprises a thin film in contact with the~~ the acoustic lens is a thin film.
4. (currently amended) An ultrasonic probe according to claim 1, wherein the hard ~~plasties~~ is plastic material ~~comprises~~ polycarbonate.
5. (currently amended) An ultrasonic probe according to claim 1, wherein the hard ~~plasties is plastic material~~ comprises poly-butylene-terephthalate.
6. (currently amended) An ultrasonic probe according to claim 1, wherein the hard ~~plasties are~~ plastic material ~~comprises~~ a ABS resin.

7. (currently amended) An ultrasonic probe according to claim 1, wherein the hard ~~plastics are~~ plastic material comprises a thermoplastic resin.

8. (currently amended) An ultrasonic probe according to claim 1, wherein the soft ~~plastics are~~ plastic material comprises a thermoplastic polymer.

9. (original) An ultrasonic probe according to claim 1, wherein the ultrasonic transceiver unit includes an ultrasonic transducer array.

10. (previously presented) An ultrasonic probe according to claim 9, wherein the acoustic lens forms a transmission/reception surface.

11. (original) An ultrasonic probe according to claim 1, wherein the second partial enclosure has a color corresponding to the center frequency of ultrasonic waves.

12. (previously presented) An enclosure for an ultrasonic transceiver unit, the enclosure comprising:

a first portion comprising a tip, the tip having an opening through which the ultrasonic transceiver unit extends; and

a second portion integrally formed with the first portion to cover the opening, the second portion having an inner surface in contact with an acoustic lens of the ultrasonic transceiver unit.

13. (previously presented) An enclosure according to claim 12, wherein the first portion and the second portion are coupled by double molding.

14. (previously presented) An enclosure according to claim 12, wherein the inner surface of the second portion comprises a thin film.

15. (previously presented) An enclosure according to claim 12, wherein the first portion comprises a polycarbonate.

16. (previously presented) An enclosure according to claim 12, wherein the first portion comprises a poly-butylene-terephthalate.

17. (previously presented) An enclosure according to claim 12, wherein the first portion comprises an ABS resin.

18. (previously presented) An enclosure according to claim 12, wherein the first portion comprises a thermoplastic resin.

19. (previously presented) An enclosure according to claim 12, wherein the second portion comprises a thermoplastic polymer.

20. (previously presented) An enclosure according to claim 12, wherein the second portion has a color corresponding to a center frequency of ultrasonic waves transmitted by the ultrasonic transceiver unit.